

Project Title	Funding	Strategic Plan Objective	Institution
YMCA of Greater Kansas City Challenger Athletic Program	\$25,000	Q5.S.B	YMCA of Greater Kansas City
Model diagnostic lab for infants at risk for autism	\$1,989,796	Q1.L.A	Yale University
Longitudinal neurogenetics of atypical social brain development in autism	\$292,163	Q2.S.G	Yale University
Simons Simplex Collection Site	\$815,728	Q3.L.B	Yale University
A genome-wide search for autism genes in the Simons Simplex Collection	\$3,862,333	Q3.L.B	Yale University
Neurogenic growth factors in autism	\$0	Q3.Other	Yale University
Genetics and gene-environment interactions in a Korean epidemiological sample of autism	\$74,692	Q3.S.C	Yale University
Caspr2 dysfunction in autism spectrum disorders	\$28,000	Q4.S.B	Yale University
Integrated approach to the neurobiology of autism spectrum disorders	\$115,446	Q4.S.B	Yale University
Enhancing understanding and use of conversational rules in school-aged speakers with autism spectrum disorders	\$30,000	Q4.S.F	Yale University
Prospective examination of 6-year cumulative incidence of ASDs: A total population study	\$59,999	Q7.J	Yale University
A randomized controlled trial of two treatments for verbal communication	\$0	Q4.S.F	Yale Child Study Center
Using zebrafish and chemical screening to define function of autism genes	\$395,497	Q4.S.B	Whitehead Institute for Biomedical Research
Misregulation of BDNF in autism spectrum disorders	\$150,000	Q1.L.A	Weill Cornell Medical College
Analysis of brain microstructure in autism using novel diffusion MRI approaches	\$59,992	Q2.Other	Washington University School of Medicine
Ethnicity and the elucidation of autism endophenotypes	\$61,000	Q1.L.B	Washington University in St. Louis
Brain circuitry in simplex autism	\$187,500	Q2.Other	Washington University in St. Louis
Simons Simplex Collection Site	\$112,500	Q3.L.B	Washington University in St. Louis
Transition to adulthood: Service utilization and determinants of functional outcomes	\$20,000	Q6.S.A	Washington University in St. Louis
Efficacy of community-based instruction and supported employment on the competitive employment outcomes on transition-age youth with autism	\$10,000	Q6.L.A	Virginia Commonwealth University
Executive functioning, theory of mind, and neurodevelopmental outcomes	\$118,007	Q4.L.B	Vanderbilt University Medical Center
Neural mechanisms underlying an extended multisensory temporal binding window in ASD	\$28,000	Q2.Other	Vanderbilt University
Relation of sleep epileptiform discharges to insomnia and daytime behavior	\$60,000	Q2.S.E	Vanderbilt University
Simons Simplex Collection Site	\$487,500	Q3.L.B	Vanderbilt University
Mouse genetic model of a dysregulated serotonin transporter variant associated with autism	\$60,000	Q4.S.B	Vanderbilt University

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High school inclusion program for students with autism spectrum disorders	\$30,000	Q4.S.F	Vanderbilt University
TRIAD Social Skills Summer Camp	\$25,000	Q5.L.C	Vanderbilt Kennedy Center-Treatment and Research Institute for Autism Spectrum Disorders (TRIAD)
Phenotypic heterogeneity and early identification of ASD in the United States	\$30,000	Q7.I	University of Wisconsin - Madison
Neurophysiological indices of risk and outcome in autism	\$0	Q1.L.A	University of Washington
Investigation of the link between early brain enlargement and abnormal functional connectivity in autism spectrum disorders	\$124,816	Q2.L.A	University of Washington
Observational and electrophysiological assessments of temperament in infants at risk for autism spectrum disorders	\$30,000	Q2.L.B	University of Washington
Psychophysiological approaches to the study of autism	\$26,000	Q2.Other	University of Washington
Electrical measures of functional cortical connectivity in autism	\$60,000	Q2.Other	University of Washington
Genomic hotspots of autism	\$232,692	Q3.L.B	University of Washington
Simons Simplex Collection Site	\$445,176	Q3.L.B	University of Washington
The mirror neuron system in children with autism	\$118,156	Q4.S.F	University of Washington
Intervention for infants at risk for autism	\$0	Q4.S.F	University of Washington
Epigenetics, hormones and sex differences in autism incidence	\$0	Q3.S.F	University of Virginia
Deriving neuroprogenitor cells from peripheral blood of individuals with autism	\$46,597	Q2.Other	University of Utah
Autistic enterocolitis/Crohn's	\$0	Q4.S.A	University of Turin
Autism & Technology	\$10,000	Q4.Other	University of Toronto
Mouse models of human autism spectrum disorders: Gene targeting in specific brain regions	\$100,000	Q2.S.D	University of Texas Southwestern Medical Center
Developmental versus acute mechanisms mediating altered excitatory synaptic function in the fragile X syndrome mouse model	\$0	Q2.S.D	University of Texas Southwestern Medical Center
Coordinated control of synapse development by autism-linked genes	\$75,000	Q2.S.D	University of Texas Southwestern Medical Center
Relevance of NPAS1/3 balance to autism and schizophrenia	\$356,840	Q3.L.B	University of Texas Southwestern Medical Center
Dysregulation of PI3K/AKT in social interaction deficits and autism spectrum disorders with macrocephaly	\$81,630	Q4.S.B	University of Texas Southwestern Medical Center
Animal models of autism: Pathogenesis and treatment	\$100,000	Q4.S.B	University of Texas Southwestern Medical Center
Visual perspective-taking and the acquisition of American Sign Language by deaf children with autism	\$28,000	Q2.Other	University of Texas at Austin

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Identification of UBE3A substrates using proteomic profiling in Drosophila	\$0	Q2.S.D	University of Tennessee Health Science Center
Innovative Technology for Autism Spectrum Disorders	\$10,000	Q4.Other	University of Southern California
Behavioral and physiological consequences of disrupted Met signaling	\$400,000	Q4.S.B	University of Southern California
Robotics and speech processing technology for the facilitation of social communication training in children with autism	\$0	Q4.S.C	University of Southern California
Neural basis of audiovisual integration during language comprehension in autism	\$30,000	Q2.Other	University of Rochester
Vulnerability phenotypes and susceptibility to environmental toxicants: From organism to mechanism	\$0	Q3.S.E	University of Rochester
Training rural providers in the assessment and treatment of emotional and behavioral disorders in autism	\$24,002	Q5.L.A	University of Rochester
Temporal coordination of social communicative behaviors in infant siblings of children with autism	\$28,000	Q1.L.A	University of Pittsburgh
Defining high and low risk expression of emotion in infants at risk for autism	\$30,000	Q2.L.B	University of Pittsburgh
A study of autism	\$108,701	Q2.L.B	University of Pennsylvania
Pathway-based genetic studies of autism spectrum disorder	\$60,000	Q3.L.B	University of Pennsylvania
Identifying and understanding the action of autism susceptibility genes	\$204,810	Q3.L.B	University of Oxford
Functional genomic dissection of language-related disorders	\$78,585	Q4.S.B	University of Oxford
Neuropharmacology of motivation and reinforcement in mouse models of autistic spectrum disorders	\$0	Q4.S.B	University of North Carolina School of Medicine
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$270,000	Q1.L.A	University of North Carolina at Chapel Hill
MRI study of brain development in school age children with autism	\$149,864	Q2.L.A	University of North Carolina at Chapel Hill
NrCAM, a candidate susceptibility gene for visual processing deficits in autism	\$127,500	Q2.Other	University of North Carolina at Chapel Hill
Multisensory processing in autism	\$104,607	Q2.Other	University of North Carolina at Chapel Hill
Early intervention for children screened positive for autism by the First Year Inventory	\$199,984	Q4.S.F	University of North Carolina at Chapel Hill
Social cognition and interaction training for adolescents with high functioning autism	\$0	Q4.S.F	University of North Carolina at Chapel Hill
Autism dysmorphology measure validity study	\$47,958	Q1.S.A	University of Missouri
The neural correlates of transient and sustained executive control in children with autism spectrum disorder	\$60,000	Q2.Other	University of Missouri

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Simons Simplex Collection Site	\$379,000	Q3.L.B	University of Missouri
Evaluating a 3D VLE for developing social competence	\$84,997	Q4.Other	University of Missouri
Neural correlates of serotonin transporter gene polymorphisms and social impairment in ASD	\$0	Q2.S.G	University of Michigan
fMRI evidence of genetic influence on rigidity in ASD	\$28,000	Q2.S.G	University of Michigan
Simons Simplex Collection Site	\$1,300,730	Q3.L.B	University of Michigan
Automated measurement of facial expression in autism: Deficits in facial nerve function?	\$127,500	Q1.L.B	University of Miami
Cognitive control and social engagement among younger siblings of children with autism	\$28,000	Q2.L.B	University of Miami
Impact of innate immunity on regressive autism	\$25,000	Q2.S.A	University of Medicine & Dentistry of New Jersey
Impact of innate immunity on T and B cell differentiation in autistic children/Altered TLR response in a subset of children with regressive autism	\$25,000	Q2.S.A	University of Medicine & Dentistry of New Jersey
Impact of innate immunity on T and B cell differentiation in autistic children/Altered TLR response in a subset of children with regressive autism	\$33,000	Q2.S.A	University of Medicine & Dentistry of New Jersey
Influence of the maternal immune response on the development of autism	\$127,499	Q3.S.E	University of Medicine & Dentistry of New Jersey
Influence of maternal cytokines during pregnancy on effector and regulatory T helper cells as etiological factors in autism	\$127,499	Q3.S.E	University of Medicine & Dentistry of New Jersey
Influence of maternal cytokines on activation of the innate immune system as a factor in the development of autism	\$0	Q3.S.E	University of Medicine & Dentistry of New Jersey
Quantitative analysis of craniofacial dysmorphology in autism	\$68,688	Q1.S.A	University of Massachusetts Medical School
Simons Simplex Collection Site	\$30,000	Q3.L.B	University of Massachusetts Medical School
A multi-site clinical randomized trial of the Hanen More Than Words Intervention	\$340,001	Q4.S.F	University of Massachusetts Boston
KwaZulu-Natal (KZN) Autism Study	\$0	Q7.J	University of KwaZulu-Natal
Visualizing voice	\$28,000	Q4.Other	University of Illinois at Urbana Champaign
fMRI studies of cerebellar functioning in autism	\$46,000	Q2.Other	University of Illinois at Chicago
Neurobiological mechanisms of insistence on sameness in autism	\$28,000	Q2.Other	University of Illinois at Chicago
Simons Simplex Collection Site	\$332,923	Q3.L.B	University of Illinois at Chicago
Interactions between mothers and young children with ASD: Associations with maternal and child characteristics	\$61,000	Q1.Other	University of Haifa
Enhancing social communication for children with HFA	\$37,829	Q4.S.C	University of Haifa

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University of Georgia & Carolina Autism Resource and Evaluation Center (UGA-CARES): A collaborative autism screening project utilizing web-based technology	\$30,000	Q1.S.B	University of Georgia
The genetics of restricted, repetitive behavior: An inbred mouse model	\$60,000	Q4.S.B	University of Florida
Molecular basis of autism associated with human adenylosuccinate lyase gene defects	\$30,000	Q2.S.D	University of Delaware
Mimicry and imitation in autism spectrum disorders	\$31,685	Q2.Other	University of Connecticut
MEG investigation of phonological processing in autism	\$28,000	Q2.Other	University of Colorado Denver
Gamma band dysfunction as a local neuronal connectivity endophenotype in autism	\$78,797	Q2.Other	University of Colorado Denver
Cognitive-behavioral group treatment for anxiety symptoms in adolescents with high-functioning autism spectrum disorders	\$100,000	Q4.S.A	University of Colorado Denver
Peer-mediated interventions for elementary school students with autism spectrum disorders	\$20,000	Q4.S.C	University of Colorado Denver
Peer-mediated interventions for elementary school students with autism spectrum disorders	\$30,000	Q4.S.C	University of Colorado Denver
The genetic link between autism and structural cerebellar malformations	\$31,750	Q1.L.A	University of Chicago
Genomic imbalances in autism	\$0	Q3.L.B	University of Chicago
Linking autism and congenital cerebellar malformations	\$60,000	Q3.Other	University of Chicago
Roles of Wnt signaling/scaffolding molecules in autism	\$28,000	Q2.Other	University of California, San Francisco
A sex-specific dissection of autism genetics	\$75,000	Q2.S.B	University of California, San Francisco
Role of micro-RNAs in ASD affected circuit formation and function	\$0	Q3.L.B	University of California, San Francisco
Role of a novel Wnt pathway in autism spectrum disorders	\$150,000	Q4.S.B	University of California, San Francisco
Role of Wnt signaling in forebrain development, synaptic physiology, and mouse behavior	\$70,041	Q4.S.B	University of California, San Francisco
Safety and efficacy of complementary and alternative medicine for autism spectrum disorders	\$100,000	Q4.S.C	University of California, San Francisco
Attentional abnormalities in autism: An electrophysiological study of the basal forebrain and central nucleus of the amygdala	\$60,000	Q2.Other	University of California, San Diego
Neuroligins and neuroligins as autism candidate genes: Study of their association in synaptic connectivity	\$60,000	Q2.Other	University of California, San Diego
Stereological analyses of neuron numbers in frontal cortex from age 3 years to adulthood in autism	\$0	Q2.Other	University of California, San Diego
The role of the autism-associated gene tuberous sclerosis complex 2 (TSC2) in presynaptic development	\$54,000	Q2.S.D	University of California, San Diego

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Translation of evidence-based treatment to classrooms	\$12,500	Q4.Other	University of California, San Diego
Pilot project to assess web-based family recruitment for autism genetics studies	\$500,000	Q3.L.B	University of California, Los Angeles; Washington University in St. Louis; Kennedy Krieger Institute
Developmental and augmented intervention for facilitating expressive language	\$529,577	Q4.S.F	University of California, Los Angeles; Vanderbilt University; Kennedy Krieger Institute; University of Michigan
Neural basis of socially driven attention in children with autism	\$28,000	Q2.Other	University of California, Los Angeles
A combined fMRI-TMS study on the role of the mirror neuron system in social cognition: Moving beyond correlational evidence	\$127,500	Q2.Other	University of California, Los Angeles
Simons Simplex Collection Site	\$654,489	Q3.L.B	University of California, Los Angeles
Interactions of environment and molecular pathways on brain overgrowth in autism: Maternal inflammation and the PI3/AKT pathway	\$211,200	Q3.S.E	University of California, Los Angeles
Molecular and environmental influences on autism pathophysiology	\$127,500	Q3.S.F	University of California, Los Angeles
Functional analysis of neurexin IV in Drosophila	\$57,210	Q4.S.B	University of California, Los Angeles
Transporting evidence-based practices from the academy to the community: School-based CBT for children with ASD	\$30,000	Q4.S.C	University of California, Los Angeles
Social skills training for young adults with autism spectrum disorders	\$30,000	Q4.S.F	University of California, Los Angeles
Joint attention intervention for caregivers and their children with autism	\$0	Q4.S.F	University of California, Los Angeles
Promoting communication skills in toddlers at risk for autism	\$0	Q4.S.F	University of California, Los Angeles
Mitochondria and autism	\$363,400	Q1.L.A	University of California, Irvine; University of California, San Diego
Technology support for interactive and collaborative visual schedules	\$36,032	Q4.Other	University of California, Irvine
A comprehensive orientation, integration and socialization program for college students with ASD	\$20,000	Q5.L.B	University of California, Davis Health System
A microdevice for immune profiling of children with autism	\$19,000	Q2.Other	University of California, Davis
CD8 + T lymphocyte function in autism	\$27,250	Q2.S.A	University of California, Davis
CD8 + T lymphocyte function in autism	\$27,250	Q2.S.A	University of California, Davis
Is autism a mitochondrial disease?	\$0	Q2.S.A	University of California, Davis
A role for immune molecules in cortical connectivity: Potential implications for autism	\$28,000	Q2.S.A	University of California, Davis
Immune molecules and cortical synaptogenesis: Possible implications for the pathogenesis of autism	\$127,500	Q2.S.A	University of California, Davis

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Immunobiology in autism	\$32,000	Q3.S.E	University of California, Davis
Evaluation of the immune and physiologic response in children with autism following immune challenge	\$327,972	Q3.S.E	University of California, Davis
Etiology of autism risk involving MET gene and the environment	\$219,700	Q3.S.E	University of California, Davis
Vitamin D status and autism spectrum disorder: Is there an association?	\$85,961	Q3.S.F	University of California, Davis
Double-blind placebo controlled trial of subcutaneous methyl B12 on behavioral and metabolic measures in children with autism	\$150,000	Q4.S.C	University of California, Davis
Intervention for infants at risk for autism	\$127,500	Q4.S.F	University of California, Davis
Clinical and gene signatures of ASDs	\$61,000	Q1.L.A	University of British Columbia
A novel cell-based assay for autism research and drug discovery	\$60,000	Q4.S.B	University of Arizona
Writing instruction for children with autism spectrum disorders: A study of self-regulation and strategy use	\$30,000	Q4.S.C	University at Albany, State University of New York
Analysis of developmental interactions between reelin haploinsufficiency, male sex, and mercury exposure	\$92,582	Q3.L.C	Universita Campus Bio-Medico di Roma
Identification and functional characterization of gene variants	\$60,000	Q3.Other	Universita Campus Bio-Medico di Roma
Behavioral and functional neuroimaging investigations of visual perception and cognition in autistics	\$127,168	Q2.Other	Universit� de Montr�al
Early developmental risk factors for autism in a national birth cohort	\$59,457	Q3.L.D	Turku University
Multi-registry analyses for iCARE - Finland	\$29,700	Q7.J	Turku University
Effectiveness of sensory based strategies for improving adaptive behaviors in children with autism	\$149,901	Q4.S.C	Thomas Jefferson University
Multi-registry analyses for iCARE- West Australia	\$29,700	Q7.J	The University of Western Australia
Testing the effects of cortical disconnection in non-human primates	\$150,000	Q2.Other	The Salk Institute for Biological Studies
A proposal to define cells and circuits impacted in autism spectrum disorders	\$162,544	Q4.S.B	The Rockefeller University
Simons Simplex Collection Site	\$516,952	Q3.L.B	The Research Institute of the McGill University Health Centre
Dendritic organization within the cerebral cortex in autism	\$144,822	Q2.Other	The Open University
Safe Signals: Teaching high functioning young adults with autism spectrum disorders about community safety behaviors	\$24,978	Q5.L.B	The Ohio State University Medical Center
Neuronal nicotinic receptor modulation in the treatment of autism: A pilot trial of mecamylamine	\$44,917	Q4.L.C	The Ohio State University

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The impact of autism specific genomic variations on microRNA gene expression profile	\$43,850	Q3.L.B	The Hospital for Sick Children
Multi-registry analyses for iCARE - Israel	\$29,700	Q7.J	The Gertner Institute of Epidemiology and Health Policy Research
Consequences of maternal antigen exposure on offspring immunity: An animal model of vertical tolerance	\$138,915	Q2.S.A	The Fox Chase Cancer Center
The pathogenesis of autism: Maternal antibody exposure in the fetal brain	\$0	Q2.S.A	The Feinstein Institute for Medical Research
The effects of a reciprocal questioning intervention on the reading comprehension and social communication of students with autism spectrum disorder	\$30,000	Q4.S.C	The College of William and Mary
Teratology Society Meeting Support	\$10,000	Q3.Other	Teratology Society
International trends in diagnoses and incidence of autism spectrum disorders	\$54,866	Q1.S.B	Telethon Institute for Child Health Research
Social behavior deficits in autism: Role of amygdala	\$93,500	Q2.Other	State University of New York Upstate Medical Center
Oxytocin biology and the social deficits of autism spectrum disorders	\$150,000	Q1.L.A	Stanford University
Investigation of cortical folding complexity in children with autism, their autism-discordant siblings, and controls	\$0	Q2.Other	Stanford University
Maternal infection and autism: Impact of placental sufficiency and maternal inflammatory responses on fetal brain development	\$127,500	Q2.S.A	Stanford University
Probing a monogenic form of autism from molecules to behavior	\$187,500	Q2.S.D	Stanford University
Using iPS cells to study genetically defined forms with autism	\$100,000	Q4.S.B	Stanford University
Function and dysfunction of neuroligins	\$498,885	Q4.S.B	Stanford University
Altering motivational variables to treat stereotyped behavior	\$79,475	Q4.Other	St. Cloud State University
Desensitization techniques for difficult behaviors	\$0	Other	Southwestern Autism Research & Resource Center (SARRC)
Remote parent training project	\$30,000	Other	Southwestern Autism Research & Resource Center (SARRC)
Family/Genetic study of autism	\$130,000	Q1.L.A	Southwestern Autism Research & Resource Center (SARRC)
Think Asperger's	\$125,000	Q1.S.A	Southwestern Autism Research & Resource Center (SARRC)
Naturalistic observation diagnostic assessment for autism	\$0	Q1.S.A	Southwestern Autism Research & Resource Center (SARRC)
Measuring the effects of training parents to provide intervention via the Arizona Telemedicine Program	\$20,000	Q4.S.C	Southwestern Autism Research & Resource Center (SARRC)

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Peer-mediated social skills training	\$8,940	Q5.L.C	Seacoast Mental Health Center
ARTI: The Autism Research & Training Initiative in India	\$60,100	Q7.J	Sangath
Integrated play groups: Promoting social communication and symbolic play with peers across settings in children with autism	\$123,103	Q4.S.F	San Francisco State University
Assessing information processing and capacity for understanding language in non-verbal children with autism	\$280,105	Q2.L.B	Rutgers, The State University of New Jersey; City University of New York
Autism spectrum disorders and the visual analysis of human motion	\$250,000	Q2.Other	Rutgers, The State University of New Jersey
Rutgers, The State University of New Jersey	\$4,729,271	Q3.L.B	Rutgers, The State University of New Jersey
Building tacting and joint attention skills with the use of an augmentative device	\$10,000	Q4.S.C	Rutgers, The State University of New Jersey
Identification of aberrantly methylated genes in autism: The role of advanced paternal age	\$499,780	Q3.L.B	Research Foundation for Mental Hygiene, Inc.
Victimization, pragmatic language, and social and emotional competence in adolescents with ASD	\$59,444	Q6.Other	Queen's University
Prometheus Research, LLC	\$4,878,022	Other	Prometheus Research, LLC
Optical analysis of circuit-level sensory processing in the cerebellum	\$0	Q2.Other	Princeton University
Autism and SNPs in the IGF pathway	\$112,500	Q3.L.B	Princeton University
Prosodic and pragmatic processes in highly verbal children with autism	\$37,500	Q1.L.C	President & Fellows of Harvard College
The brain genomics superstruct project	\$75,000	Q2.S.G	President & Fellows of Harvard College
Enhancing social functioning among adolescents with Asperger's syndrome and high functioning autism	\$59,981	Q4.S.F	Penn State Milton S. Hershey Medical Center
Sleep, neuropsychological, mood, behavior, learning, and developmental problems in children with autism	\$18,085	Q1.L.B	Penn State College of Medicine
Automated measurement of dialogue structure in autism	\$44,250	Q1.S.A	Oregon Health and Science University
Role of neuroligin in synapse stability	\$127,500	Q2.Other	Oklahoma Medical Research Foundation
Multi-registry analyses for iCARE - Norway	\$31,583	Q7.J	Norwegian Institute of Public Health
Modulation of neuronal cysteine uptake and redox status by morphine, gluten/casein-derived opiates and naltrexone	\$44,000	Q2.S.A	Northeastern University School of Pharmacy
Influence of oxidative stress on transcription and alternative splicing of methionine synthase in autism	\$0	Q2.S.A	Northeastern University
Regulation of inflammatory Th17 cells in autism spectrum disorder	\$150,000	Q2.S.A	New York University School of Medicine
The integration of interneurons into cortical microcircuits	\$37,500	Q4.S.B	New York University School of Medicine

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Targeting the big three: Challenging behaviors, mealtime behaviors, and toileting	\$23,732	Q5.L.C	New York State Institute for Basic Research
Development of brain connectivity in autism	\$312,916	Q2.Other	New York School of Medicine
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$30,000	Q1.L.B	New England Center for Children
Parents and professionals attitudes to dietary interventions in ASD (PADIA)	\$109,658	Q4.S.C	Newcastle University
The NSSA Green Team	\$8,744	Q5.L.B	Nassau Suffolk Services for Autism
Autism Celloidin Library	\$109,000	Q2.S.C	Mount Sinai School of Medicine
The role of SHANK3 in autism spectrum disorders	\$360,000	Q4.S.B	Mount Sinai School of Medicine
A preclinical model for determining the role of AVPR1A in autism spectrum disorders	\$30,000	Q4.S.B	Mount Sinai School of Medicine
Evaluating behavioral and neural effects of social skills intervention for school-age children with autism spectrum disorders	\$60,000	Q4.S.F	Mount Sinai School of Medicine
Mindspec, Inc.	\$619,200	Other	Mindspec, Inc.
A sibling mediated imitation intervention for young children with autism	\$28,000	Q4.S.F	Michigan State University
Are neuronal defects in the cerebral cortex linked to autism?	\$0	Q2.Other	Memorial Sloan-Kettering Cancer Center
A randomized, double blind, placebo controlled study of fatty acid supplementation in autism	\$116,071	Q4.S.C	Medical University of South Carolina
Innovative assessment methods for autism: A proof of principle investigation of "nonverbal" autism	\$72,116	Q2.L.B	McMaster University
Autism Theory & Technology	\$10,000	Q4.Other	Massachusetts Institute of Technology Media Laboratory
Infrastructure support for autism research at MIT	\$1,500,000	Other	Massachusetts Institute of Technology
MEG Scanner at Martinos Imaging Center, McGovern Institute	\$250,000	Other	Massachusetts Institute of Technology
Neural mechanisms for social cognition in autism spectrum disorders	\$229,730	Q2.Other	Massachusetts Institute of Technology
Imaging synaptic neurexin-neuroligin complexes by proximity biotinylation: Applications to the molecular pathogenesis of autism	\$49,000	Q2.Other	Massachusetts Institute of Technology
Investigation of postnatal drug intervention's potential in rescuing the symptoms of fragile X syndrome in adult mice	\$30,000	Q2.S.D	Massachusetts Institute of Technology
Mice lacking Shank postsynaptic scaffolds as an animal model of autism	\$253,848	Q4.S.B	Massachusetts Institute of Technology
Neural and cognitive mechanisms of autism	\$1,500,000	Q4.S.B	Massachusetts Institute of Technology

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Regulation of synaptogenesis by cyclin-dependent kinase 5	\$325,889	Q4.S.B	Massachusetts Institute of Technology
Synaptic and circuitry mechanisms of repetitive behaviors in autism	\$400,000	Q4.S.B	Massachusetts Institute of Technology
Using Drosophila to model the synaptic function of the autism-linked NHE9	\$75,000	Q4.S.B	Massachusetts Institute of Technology
The role of the neurexin 1 gene in susceptibility to autism	\$0	Q3.L.B	Massachusetts General Hospital/Harvard Medical School
Role of Pam in synaptic morphology and function	\$127,497	Q2.Other	Massachusetts General Hospital
MEG investigation of the neural substrates underlying visual perception in autism	\$127,081	Q2.Other	Massachusetts General Hospital
Repository for tissues from children with and without autism	\$25,000	Q2.S.A	Massachusetts General Hospital
An adult brain-specific mouse model of neuronal TSC inactivation	\$60,000	Q2.S.D	Massachusetts General Hospital
Genome-wide analyses of DNA methylation in autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Comprehensive follow-up of novel autism genetic discoveries	\$289,026	Q3.L.B	Massachusetts General Hospital
Role of TSC/mTOR signaling pathway in autism and autism spectrum disorders	\$172,825	Q3.L.B	Massachusetts General Hospital
A recurrent genetic cause of autism	\$400,000	Q3.L.B	Massachusetts General Hospital
Investigation of genes involved in synaptic plasticity in Iranian families with ASD	\$0	Q3.L.B	Massachusetts General Hospital
Quality of life for children with autism spectrum disorders and their parents	\$150,000	Q5.Other	Massachusetts General Hospital
Teen Recreation Integration Program (TRIP) for young adults with ASDs	\$23,306	Q5.S.B	Marin Autism Collaborative/Lifehouse
Feeding problems in children with ASD: Impact of parent education in modifying aberrant eating habits	\$10,000	Q4.S.C	Marcus Institute
Imitation in autism	\$61,000	Q1.L.B	King's College London
Identical twins discordant for autism: Epigenetic (DNA methylation) biomarkers of non-shared environmental influences	\$108,503	Q3.Other	King's College London
Keystone Symposia on Molecular and Cellular Biology	\$25,000	Other	Keystone Symposia on Molecular and Cellular Biology
Eastern Kentucky Autism Training Project	\$24,866	Q5.Other	Kentucky Autism Training Center
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	\$60,000	Q1.Other	Kennedy Krieger Institute
Novel approaches for investigating the neurology of autism: Detailed morphometric analysis and correlation with motor impairment	\$127,500	Q2.Other	Kennedy Krieger Institute
Understanding perception and action in autism	\$32,000	Q2.Other	Kennedy Krieger Institute

Project Title	Funding	Strategic Plan Objective	Institution
Double masked placebo controlled trial of cholesterol in hypocholesterolemic ASD	\$100,000	Q4.S.C	Kennedy Krieger Institute
Acupressure and acupuncture as an intervention with children with autism	\$90,826	Q4.S.C	Kennedy Krieger Institute
Interactive Autism Network (IAN)	\$1,320,000	Q7.C	Kennedy Krieger Institute
Multi-registry analyses for iCARE- Sweden	\$29,700	Q7.J	Karolinska Institutet
Vaccination with regression study	\$16,258	Q3.S.E	Kaiser Permanente Georgia
Early biologic markers for autism	\$60,000	Q2.L.B	Kaiser Permanente Division of Research
Year-Round Inclusion Program	\$24,966	Q5.L.C	Judson Center
Gene-environment interactions in the pathogenesis of autism-like neurodevelopmental damage: A mouse model	\$0	Q2.S.A	Johns Hopkins University School of Medicine
Integrative genetic analysis of autistic brains	\$200,000	Q3.L.B	Johns Hopkins University School of Medicine
The role of contactin-associated protein-like 2 (CNTNAP2) and other novel genes in autism	\$464,601	Q3.L.B	Johns Hopkins University School of Medicine
Investigation of the role of MET kinase in autism	\$488,411	Q4.S.B	Johns Hopkins University School of Medicine
The role of CNTNAP2 in embryonic neural stem cell regulation	\$75,000	Q4.S.B	Johns Hopkins University School of Medicine
Understanding glutamate signaling defects in autism spectrum disorders	\$60,000	Q3.L.B	Johns Hopkins University
The role of SHANK3 in the etiology of autism spectrum disorder	\$28,000	Q4.S.B	Johns Hopkins University
The development of Chinese versions of the ADOS and ADI-R	\$0	Q1.S.B	Johns Hopkins Bloomberg School of Public Health
Day program transformation to foster employment for people with autism spectrum disorders	\$25,000	Q5.L.B	Jay Nolan Community Services
Enhancing inter-subjectivity in infants at high risk for autism	\$0	Q4.S.F	IWK Health Centre/Dalhousie University; University of Toronto; University of Alberta; The Hospital for Sick Children
2009 International Meeting for Autism Research (IMFAR)	\$50,000	Q7.K	International Society for Autism Research
Assisted reproductive treatments and risk of autism	\$60,000	Q3.S.F	Institute of Psychiatry, King's College London
A double-blind, randomized clinical trial of levocarnitine to treat autism spectrum disorders	\$11,882	Q4.S.C	Institute of Chronic Illnesses, Inc.
Promoting early social-communicative competency in toddlers with autism	\$314,113	Q4.S.F	Indiana University
Illumina, Inc.	\$1,578,591	Q3.L.B	Illumina, Inc.
Illinois Autism Coaching Network (IACN)	\$24,856	Q5.L.C	Illinois Autism Training and Technical Assistance Project
Phonological processing in the autism spectrum	\$32,000	Q2.Other	Heriot-Watt University

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Effect of oxytocin receptor inhibitor (atosiban) during the perinatal period and prevalence of autism spectrum disorders	\$131,871	Q3.S.F	Hebrew University
Relationship between celiac disease and autism	\$8,000	Q2.S.A	Health Research Institute
Connectopathic analysis of autism	\$78,150	Q2.S.D	Harvard University
Maternal risk factors for autism in the Nurses Health Study II – a pilot study	\$0	Q3.L.D	Harvard School of Public Health
Cortical mechanisms underlying visual motion processing impairments in autism	\$60,000	Q2.Other	Harvard Medical School/McLean Hospital
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	\$127,500	Q1.L.A	Harvard Medical School
Maternal dietary factors and risk of autism spectrum disorders	\$32,000	Q3.L.D	Harvard Medical School
Perturbed activity-dependent plasticity mechanisms in autism	\$301,444	Q4.S.B	Harvard Medical School
Using genetically modified mice to explore the neuronal network involved in social recognition	\$60,000	Q2.Other	Haifa University
Psychophysiological mechanisms of emotion expression	\$0	Q2.Other	Georgia State University
Language learning in autism	\$149,545	Q1.L.C	Georgetown University
Effects of parent-implemented intervention for toddlers with autism spectrum disorders	\$254,242	Q4.S.D	Florida State University; University of Michigan
Attention to social and nonsocial events in children with autism	\$149,888	Q1.S.B	Florida International University
Self-management of daily living skills: Development of cognitively accessible software for individuals with autism	\$44,176	Q4.Other	Eugene Research Institute
Neural mechanisms of social cognition and bonding	\$31,387	Q2.Other	Emory University
Language processing in children with 22q11 deletion syndrome and autism	\$120,000	Q2.S.G	Emory University
Simons Simplex Collection Site	\$461,365	Q3.L.B	Emory University
Comprehensive genetic variation detection to assess the role of the X chromosome in autism	\$1,019,797	Q3.L.B	Emory University
Genomic resources for identifying genes regulating social behavior	\$0	Q4.S.B	Emory University
Multi-registry analyses for iCARE - Denmark	\$113,607	Q7.J	Emory University
Improving quality of life through person-centered planning: A university-based transition program for young adults with ASDs	\$25,000	Q5.L.B	Duquesne University
Role of UBE3A in neocortical plasticity and function	\$490,000	Q4.S.B	Duke University
Ethics of communicating scientific findings on autism risk	\$305,663	Q7.E	Drexel University School of Public Health

Project Title	Funding	Strategic Plan Objective	Institution
Genetic and epigenetic interactions in a mouse model for autism	\$60,000	Q3.S.F	David Geffen School of Medicine at University of California, Los Angeles
BDNF secretion and neural precursor migration	\$0	Q2.Other	Dana-Farber Cancer Institute
Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	\$0	Q1.S.B	Cornell University
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$65,726	Q1.L.C	Columbia University
Informational and neural bases of empathic accuracy in autism spectrum disorder	\$0	Q2.Other	Columbia University
Aberrant synaptic function caused by TSC mutation in autism	\$173,726	Q2.S.D	Columbia University
Simons Simplex Collection Site	\$150,500	Q3.L.B	Columbia University
Transcranial magnetic stimulation (rTMS) for evaluation and treatment of repetitive behavior in subjects with autism spectrum disorders	\$17,161	Q4.Other	Columbia University
Genomic imbalances at the 22q11 locus and predisposition to autism	\$400,000	Q4.S.B	Columbia University
Neurexin-neuroligin trans-synaptic interaction in learning and memory	\$200,000	Q4.S.B	Columbia University
Multi-registry analyses for iCARE - Data Management Core	\$50,360	Q7.J	Columbia University
Neural circuit deficits in animal models of Rett syndrome	\$0	Q2.S.D	Cold Spring Harbor Laboratory
Cellular and molecular alterations in GABAergic inhibitor circuits by mutations in MeCP2	\$441,032	Q2.S.D	Cold Spring Harbor Laboratory
Genetic basis of autism	\$6,380,872	Q3.L.B	Cold Spring Harbor Laboratory
Novel models to define the genetic basis of autism	\$545,463	Q4.S.B	Cold Spring Harbor Laboratory
Systematic analysis of neural circuitry in mouse models of autism	\$75,432	Q4.S.B	Cold Spring Harbor Laboratory
Analysis of cortical circuits related to ASD gene candidates	\$127,500	Q4.S.B	Cold Spring Harbor Laboratory
Past, present, and future-oriented thinking about the self in children with autism spectrum disorder	\$61,000	Q2.Other	City University London
Genome-wide association study of autism characterized by developmental regression	\$127,458	Q3.S.E	Cincinnati Children's Hospital Medical Center
Potential role of non-coding RNAs in autism	\$59,989	Q3.L.B	Children's Mercy Hospitals And Clinics
Double-blind, placebo-controlled crossover study of glutathione, vitamin C and cysteine in children with autism and behavior problems	\$25,000	Q4.S.C	Children's Hospital Foundation, Norton Healthcare Foundation
Electrophysiological, metabolic and behavioral markers of infants at risk	\$92,397	Q1.L.A	Children's Hospital Boston

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Signatures of gene expression in autism spectrum disorders	\$150,000	Q1.L.A	Children's Hospital Boston
The effects of Npas4 and Sema4D on inhibitory synapse formation	\$127,500	Q2.Other	Children's Hospital Boston
Visual system connectivity in a high-risk model of autism	\$41,000	Q2.S.D	Children's Hospital Boston
Gene expression profiling of autism spectrum disorders	\$52,000	Q3.L.B	Children's Hospital Boston
Uncovering genetic mechanisms of ASD	\$150,000	Q3.L.B	Children's Hospital Boston
Simons Simplex Collection Site	\$550,246	Q3.L.B	Children's Hospital Boston
Psychometric evaluation of the QABF in children with ASD	\$11,069	Q1.Other	Center for Autism and Related Disorders (CARD)
Evaluation of behavior problems in children with ASD	\$30,025	Q1.Other	Center for Autism and Related Disorders (CARD)
Psychometric evaluation of the behavior problems inventory in ASD	\$25,032	Q1.Other	Center for Autism and Related Disorders (CARD)
Psychometric evaluation of the autism symptom diagnostic scale	\$8,975	Q1.S.A	Center for Autism and Related Disorders (CARD)
Presence of clostridia in children with and without ASD	\$12,054	Q2.Other	Center for Autism and Related Disorders (CARD)
Description and assessment of sensory abnormalities in ASD	\$18,968	Q2.Other	Center for Autism and Related Disorders (CARD)
Evaluation of sleep disturbance in children with ASD	\$27,456	Q2.Other	Center for Autism and Related Disorders (CARD)
Preventing autism via very early detection and intervention	\$14,256	Q4.L.B	Center for Autism and Related Disorders (CARD)
Teaching stranger safety skills to children with autism	\$25,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Teaching children with autism to seek help when lost	\$25,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Training staff to conduct preference assessments during discrete trial training	\$18,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Teaching theory of mind skills to children with ASD	\$24,025	Q4.Other	Center for Autism and Related Disorders (CARD)
Identifying factors that predict response to intervention	\$21,965	Q4.Other	Center for Autism and Related Disorders (CARD)
Establishing liquid medication administration compliance	\$27,985	Q4.Other	Center for Autism and Related Disorders (CARD)
Teaching children to identify causes of others' emotions	\$20,687	Q4.Other	Center for Autism and Related Disorders (CARD)
Teaching children to comprehend rules containing "if/then"	\$38,994	Q4.Other	Center for Autism and Related Disorders (CARD)
Behavioral intervention for working memory in children with autism	\$30,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Designing a test to detect the emergence of derived symmetry	\$28,000	Q4.Other	Center for Autism and Related Disorders (CARD)
Long-term follow-up of children with autism who recovered	\$33,965	Q4.Other	Center for Autism and Related Disorders (CARD)
Chart review of 38 cases of recovery from autism	\$35,117	Q4.Other	Center for Autism and Related Disorders (CARD)

Project Title	Funding	Strategic Plan Objective	Institution
Age and treatment intensity in behavioral intervention	\$34,879	Q4.Other	Center for Autism and Related Disorders (CARD)
Assessing preference for reinforcers in children with autism	\$29,684	Q4.Other	Center for Autism and Related Disorders (CARD)
Teaching children to identify others' preferences	\$22,058	Q4.Other	Center for Autism and Related Disorders (CARD)
Telemedicine approach to teaching pill-swallowing skills	\$14,168	Q4.Other	Center for Autism and Related Disorders (CARD)
Effects of follow-through during DTT on verbalizations	\$11,231	Q4.Other	Center for Autism and Related Disorders (CARD)
Double-blind placebo-controlled evaluation of fluconazole	\$15,134	Q4.S.C	Center for Autism and Related Disorders (CARD)
Comparison of high to low intensity behavioral intervention	\$121,029	Q4.S.D	Center for Autism and Related Disorders (CARD)
Evaluation of web-based curriculum assessment and program design	\$51,003	Q5.L.A	Center for Autism and Related Disorders (CARD)
Evaluation of E-learning for training behavioral therapists	\$74,835	Q5.L.A	Center for Autism and Related Disorders (CARD)
Visuospatial processing in adults and children with autism	\$30,000	Q2.Other	Carnegie Mellon University
Linguistic perspective-taking in adults with high-functioning autism: Investigation of the mirror neuron system	\$28,000	Q2.Other	Carnegie Mellon University
Testing neurological models of autism	\$315,526	Q2.Other	California Institute of Technology
How does IL-6 mediate the development of autism-related behaviors?	\$28,000	Q2.S.A	California Institute of Technology
A non-human primate autism model based on maternal infection	\$446,873	Q2.S.A	California Institute of Technology
Autism and the insula: Genomic and neural circuits	\$368,570	Q3.L.B	California Institute of Technology
Support and recreation for children with autism and their siblings	\$17,512	Q5.S.B	C.W. Post Campus of Long Island University
Project Lifesaver Program	\$6,950	Q5.Other	Burlington County Sheriff's Department
Temperament, emotional expression, and emotional self-regulation in relation to later ASD diagnosis	\$29,500	Q1.L.B	Bryn Mawr College
Real time PCR for yeasts	\$20,000	Q2.Other	Brentwood Biomedical Research, Inc.
Novel methods for testing language comprehension in children with ASD	\$150,000	Q1.S.B	Boston University
Architecture of myelinated axons linking frontal cortical areas	\$54,000	Q2.Other	Boston University
Recessive genes for autism and mental retardation	\$293,376	Q3.L.B	Beth Israel Deaconess Medical Center
Neural correlates of social exchange and valuation in autism	\$149,985	Q2.Other	Baylor College of Medicine
Simons Simplex Collection Site	\$437,339	Q3.L.B	Baylor College of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Analysis of candidate genes derived from a protein interaction network in SSC samples	\$987,318	Q3.L.B	Baylor College of Medicine
Studies of postmortem brain searching for epigenetic defects causing autism	\$400,000	Q3.L.B	Baylor College of Medicine
Maternal supplementation of folic acid and function of autism gene synaptic protein Shank3 in animal model	\$109,450	Q3.L.C	Baylor College of Medicine
DNA methylation and other epigenetic studies of autism brain	\$0	Q3.Other	Baylor College of Medicine
Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$150,000	Q4.S.A	Baylor College of Medicine
Innovative Technology for Autism	\$7,616	Other	Autism Speaks (AS)
Baby Siblings Research Consortium	\$26,634	Q1.Other	Autism Speaks (AS)
Autism Genome Project (AGP)	\$2,044,857	Q3.L.B	Autism Speaks (AS)
Autism Genetic Resource Exchange (AGRE)	\$1,826,554	Q3.L.B	Autism Speaks (AS)
Bioinformatics support for AGRE	\$225,936	Q3.Other	Autism Speaks (AS)
Clinical Trials Network	\$121,843	Q4.L.A	Autism Speaks (AS)
Autism Treatment Network (ATN)	\$2,938,394	Q4.Other	Autism Speaks (AS)
Autism Tissue Program (ATP)	\$428,223	Q7.D	Autism Speaks (AS)
Autism Training and Education	\$25,000	Q5.L.C	Autism Service Center of San Antonio
Probiotics and vitamin D in ASD	\$50,000	Q4.S.C	Autism Research and Resources of Oregon (ARRO)
AFFCMH Therapeutic Recreation In Parks (T.R.I.P.) Program	\$25,000	Q5.S.B	Arkansas Federation of Families for Children's Mental Health
National randomized double-blind, placebo-controlled vitamin/mineral study	\$30,000	Q4.S.C	Arizona State University
Modeling and pharmacologic treatment of autism spectrum disorders in Drosophila	\$0	Q4.S.B	Albert Einstein College of Medicine of Yeshiva University
The Autism Education Project	\$24,770	Q5.S.B	Actors for Autism
A large scale, two phase study to estimate prevalence, and raise awareness, about autism spectrum conditions in India	\$60,000	Q7.J	Action for Autism/Creating Connections

